## **PATENT**

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicant: J.L. Toner & K.R. Cromack

Serial No.: 10/796,243

Filed: March 9, 2004

For: MEDICAL DEVICES HAVING A

HYDRATION INHIBITOR

Examiner: (not assigned)

Group Art Unit: 1615

Case No.: 7047.US.01

CERTIFICATE OF MAILING (37 CFR 1.8 (a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Mail Stop Amendment Commissioner for Patents P. O. Box 1450

Alexandria, VA 22313-1450, on:

Date of Deposit: Ortober 21, 2005

Kathleen Boettchen 10/21/05
Kathleen Boettcher Date

# TRANSMITTAL LETTER

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith is a Supplemental Information Disclosure Statement for J.L. Toner & K.R. Cromack, for MEDICAL DEVICES HAVING A HYDRATION INHIBITOR, the specification of which was filed on March 9, 2004, and received Serial No. 10/796,243.

Also enclosed are: Form PTO 1449 (in duplicate) w/fifteen (15) references Return-receipt postcard

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 CFR 1.16, as well as any patent application processing fees under 37 CFR 1.17 associated with this communication for which full payment has not been tendered, to Deposit Account No. 01-0025. A duplicate copy of this sheet is enclosed.

ABBOTT LABORATORIES

Customer Number: 23492 Telephone: (847) 937-4558

Facsimile: (847) 938-2623

Respectfully submitted,

J.L. Toner & K.R. Cromack

Patricia Coleman James

Registration No. 37,155

Attorney for Applicants



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### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The following information is submitted, pursuant to 37 CFR §§1.97-1.98 in accordance with Applicant's duty of disclosure under 37 CFR §1.56. This submission is not intended to constitute an admission that any patent, publication or other information cited herein is "prior art" as to the invention claimed. In accordance with 37 CFR §§1.97(g)-(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that other material information as defined by 37 CFR §1.56(a) exists.

Applicants submit herewith Form PTO-1449 listing the references known to them. Applicants respectfully request that the Examiner (1) initial each reference listed on the enclosed Form PTO-1449 indicating that the Examiner has considered and made those references of record in this application and (2) return a copy of the initialed Form PTO-1449 to Applicants. Copies of all cited documents have been included except any U.S. patent.

No charge is required for the submission of this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 (b). The Commissioner is hereby authorized to charge any additional filing fees required under 37 C.F.R. § 1.17 concerning this transmission, or to credit any overpayment to Deposit Account No. 01-0025.

ABBOTT LABORATORIES

Customer Number: 23492 Telephone: (847) 937-4558 Facsimile: (847) 938-2623 Respectfully submitted, J.L. Toner & K.R. Qromack

Patricia Coleman James Registration No. 37,155

Attorney for Applicants

**DATE:** 

Chober 21,

SHEET \_1\_ of \_2\_

Form PTO

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (Modified)

ATTY. DOCKET NO.

SERIAL NO.

7047US01 APPLICANT 10/796,243

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

J.L. Toner & K.R. Cromack

(Use several sheets if necessary)

FILING DATE

GROUP

(37 CFR 1.98 (b))

March 9, 2004

1615

### **U.S.PATENT DOCUMENTS**

EXAM.			ISSUE			SUB	FILING
INITIAL		PATENT NUMBER	DATE	PATENTEE	CLASS	CLASS	DATE
	A1	4,916,193	04/10/1990	Tang, et al.			
	A2	4,994,071	02/19/1991	MacGregor			
	A3	5,092,877	03/03/1992	Pinchuk			
	A4	5,163,952	11/17/1992	Froix			
	<b>A</b> 5	5,304,121	04/19/1994	Sahatjian			
	A6	5,355,832	10/18/1994	Loh, et al.			
	A7	5,447,724	09/05/1995	Helmus, et al.			·
	A8	5,447,799	09/05/1995	Loh, et al.			
	A9	5,464,650	11/07/1995	Berg, et al.			
	A10	5,605,696	02/25/1997	Eury, et al.			
	A11	5,624,411	04/29/1997	Tuch			
	A12	5,705,583	01/06/1998	Bowers, et al.			
	A13	6,015,815	01/18/2000	Mollison			
	A14	6,083,257	07/04/2000	Taylor, et al.			
	A15	6,090,901	07/18/2000	Bowers, et al.			
	A16	6,284,305	09/04/2001	Ding, et al.			
	A17	6,329,386	12/11/2001	Mollison			,
	A18	6,358,556	03/19/2002	Ding, et al.			
	A19	6,419,692	07/16/2002	Yang, et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM. INITIAL		DOCUMENT NUMBER	PUBLI- CATION	COUNTRY OR		SUB	TRANSI	LATION
			DATE	PATENT OFFICE	CLASS	CLASS	YES	NO
	B1	01/87372 A1	22.11.2001	WO				

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

EXAM. INITIAL		
	C1	US Patent Application Serial No. 09/950,307
	C2	US Provisional Patent Application Serial No. 60/424,576
	C3	US Provisional Patent Application Serial No. 60/424,577
	C4	US Provisional Patent Application Serial No. 60/424,607
	C5	PCT Patent Application Serial No. PCT/US02/28776

**EXAMINER** 

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

DATE:

October 21,

SHEET 2\_ of 2\_

# Form PTO - 1449 (Modified)

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.	
		7047US01	10/796,243	
	INFORMATION DICCLOSURE	APPLICANT		
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	J.L. Toner & K.R. Cromack		
(37 CFR 1.98 (b))	(Her covered cheets if managemy)	FILING DATE	GROUP	
	(Use several sheets if necessary)	March 9, 2004	1615	

### **U.S.PATENT DOCUMENTS**

EXAM. INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAM. INITIAL	DOCUMENT NUMBER	PUBLI- CATION	COUNTRY OR		SUB	TRANS	LATION
		DATE	PATENT OFFICE	CLASS	CLASS	YES	NO
			_				

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

EXAM. INITIAL		
	C6	McGraw-Hill Encyclopedia of Chemistry, 2 <sup>nd</sup> ed., 535-539 (1993)
	C7	Solubility Data Series, "Hydrocarbons with Water and Seawater, Part II: Hydrocarbons C <sub>8</sub> to C <sub>36</sub> ", Vol. 38, Pergamon Press (1985)
	C8	Helmus, M.N., et al., "Medical Device Design-A Systems Approach: Central Venous Catheters", 22 <sup>nd</sup> Intern'l SAMPE Tech. Conf., 113-126 (1990)
	C9	Higuchi, T., & Stella, V., "Pro-Drugs as Novel Delivery Systems", A.C.S. Cymposium Series, 14 (1975)
	C10	Miller, M. M., et al., "Aqueous Solubilities, Octanol/Water Partition Coefficients, and Entropies of Melting of Chlorinated Benzenes and Biphenyls", J. Chem. Eng. Data, 29:184-190 (1984)
	C11	Osol, A., et al., Remington's Pharm. Sci., 16th ed.:256-7 & 294-5 (1980)
	C12	Pinsuwan, S., et al., "Correlation of Octanol/Water Solubility Ratios and Partition Coefficients", J. Chem. Eng. Data, 40:623-626 (1995)
	C13	Sangster, J., J. Phys. Chem. Ref. Data, 18(3):1111-1229 (1989)
	C14	Shiu, W.Y., & Mackay, D., "A Critical Review of Aqueous Solubilities, Vapor Pressures, Henry's Law Constants, and Octanol-Water Partition Coefficients of the Polychlorinated Biphenyls", J. Phys. Chem. Ref. Data, 16(2):911-929 (1986)
N.C. A. M. W.W. I.W.		DATE CONCIDENT

EXAMINER DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)